

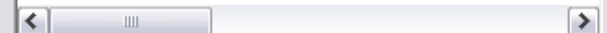
$$x+2y+6=0$$

radical
axis



inventory for noname1.wp2

```
xx+yy-4x+6y+k(xx+yy+5x+8y+6)=0 family[k  
9x+2y+6=0
```



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$$x^2 + y^2 + 8x - 10y + 4 = 0$$

$$x^2 + y^2 - 3x + 4y - 2 = 0$$

Family $\rightarrow x^2 + y^2 + 8x - 10y + 4 +$

$$K(x^2 + y^2 - 3x + 4y - 2) = 0$$

$$11x - 14y + 6 = 0$$

$$-11x + 14y - 6 = 0$$

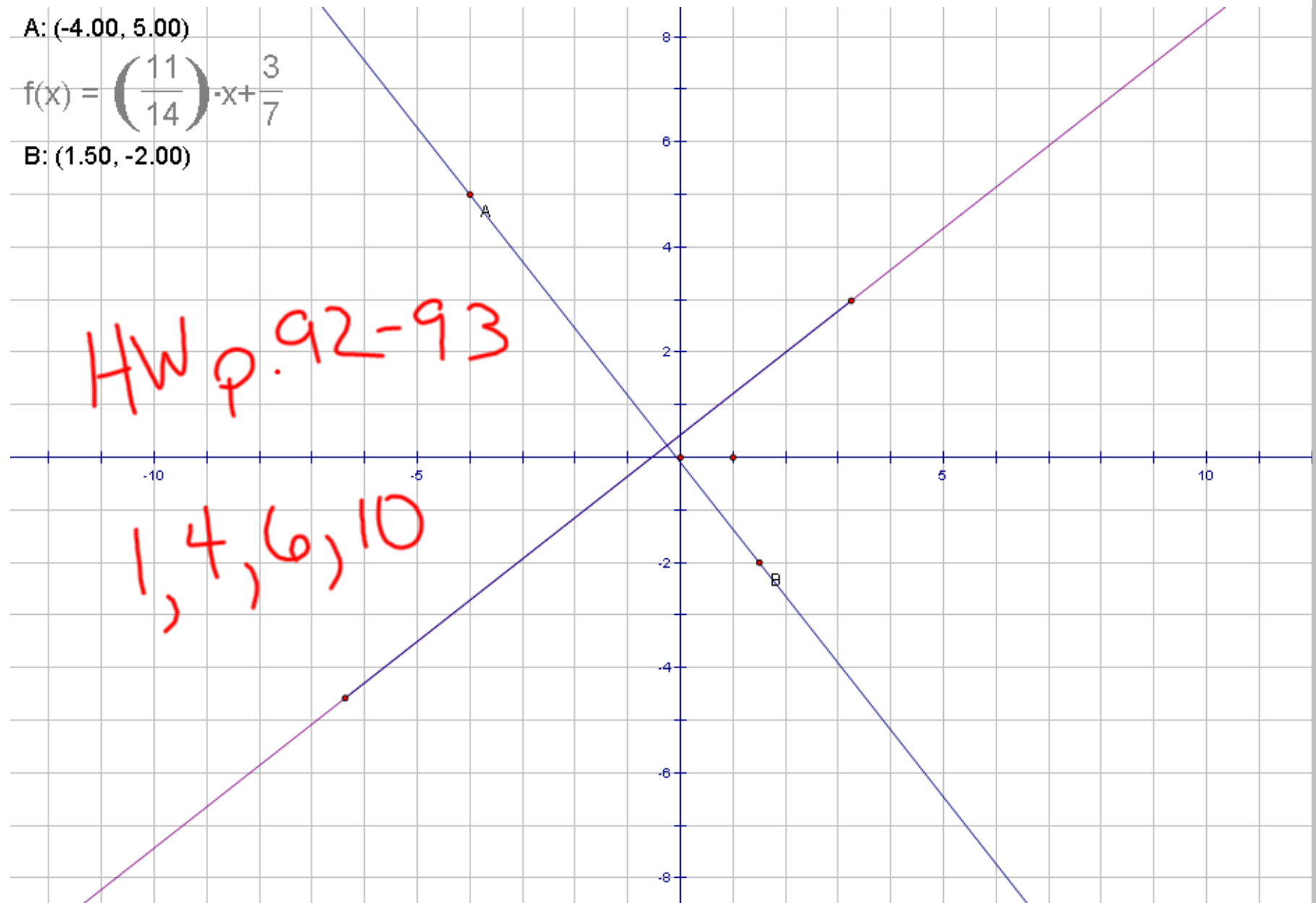
A: (-4.00, 5.00)

$$f(x) = \left(\frac{11}{14}\right)x + \frac{3}{7}$$

B: (1.50, -2.00)

HW p. 92-93

1, 4, 6, 10



$$x^2 + y^2 - 4x + 6y = 0$$

$$x^2 + y^2 + 9x + 2y + 6 = 0$$

$$y = \frac{13}{4}x + \frac{3}{2}$$

$$x^2 + \left(\frac{13}{4}x + \frac{3}{2}\right)^2 + 9x + 2\left(\frac{13}{4}x + \frac{3}{2}\right) + 6 = 0$$

$$\begin{aligned} 2x - 3y &= 5 \\ x + y &= -2 \end{aligned}$$

- ① Substitution
- ② Elimination
- ③ Matrices
- ④ Set equal to each other
- ⑤ G.C.
- ⑥ Graph \rightarrow intersect